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03/20/01

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PTO/SB/05 (4/98)  
Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. **501.39836X00**

First Inventor or Application Identifier **Shunichi AKAHANE**

Title **See 1 in Addendum**

Express Mail Label No.

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ \* Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages **47**]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross References to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **15**]
4. Oath or Declaration [Total Pages **4**]
  - a. ☒ Newly executed (original or copy)
  - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))  
(for continuation/divisional with Box 16 completed)
    - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement of Power of Attorney (when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
13. ☐ Small Entity Statement(s) Statement filed in prior application Status still proper and desired (PTO/SB/05-12)
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☒ Other: **PTO-1449 w/rcfs**  
**Credit Card Payment Form**

\*NOTE FOR ITEMS 1 & 15 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.79), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application Information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_  
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 17. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label **020457** or ☐ Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	<b>Carl J. Brundidge</b>	Registration No. (Attorney/Agent)	<b>29,621</b>
Signature	<i>[Signature]</i>	Date	<b>March 20, 2001</b>

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**Attachment to PTO/SB/05 (4/98) Utility Patent Application  
Transmittal**

1. **VPN ROUTER AND VPN IDENTIFICATION METHOD BY USING LOGICAL  
CHANNEL IDENTIFIERS**

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# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision.

Small Entity payments must be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB-09-12, See 37 CFR §§ 1.27 and 1.28

TOTAL AMOUNT OF PAYMENT (\$750.00)

### Complete if Known

Application Number	
Filing Date	March 20, 2001
First Named Inventor	Shunichi AKAHANE
Examiner Name	
Group / Art Unit	
Attorney Docket No.	501.39836X00

### METHOD OF PAYMENT (check one)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number	01-2135
Deposit Account Name	Antonelli, Terry, Stout & Kraus, LLP

- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17

2. ☒ Payment Enclosed:

☐ Check ☐ Money Order ☒ Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity	Small Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	Code	(\$)	(\$)	(\$)	(\$)		
101	690	201	345			Utility filing fee	710.00
106	310	206	155			Design filing fee	
107	480	207	240			Plant filing fee	
108	690	208	345			Reissue filing fee	
114	150	214	75			Provisional filing fee	

SUBTOTAL (1) (\$ 710.00)

#### 2. EXTRA CLAIM FEES

Large Entity	Small Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	Code	(\$)	(\$)	(\$)	(\$)		
103	18	203	9			Claims in excess of 20	18
102	78	202	39			Independent claims in excess of 3	80
104	260	204	130			Multiple dependent claim, if not paid	
109	78	209	39			** Reissue independent claims over original patent	
110	18	210	9			** Reissue claims in excess of 20 and over original patent	

\*\*For number previously paid, if greater; For Reissues, see below

Large Entity	Small Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	Code	(\$)	(\$)	(\$)	(\$)		
103	18	203	9			Claims in excess of 20	
102	78	202	39			Independent claims in excess of 3	
104	260	204	130			Multiple dependent claim, if not paid	
109	78	209	39			** Reissue independent claims over original patent	
110	18	210	9			** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 0.00)

### FEE CALCULATION (continued)

Large Entity	Small Entity	Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	Code	(\$)	(\$)	(\$)	(\$)		
105	130	205	65			Surcharge - late filing fee or oath	0.00
127	50	227	25			Surcharge - late provisional filing fee or cover sheet	0.00
139	130	139	130			Non-English specification	0.00
147	2,520	147	2,520			For filing a request for reexamination	0.00
112	920*	112	920*			Requesting publication of SIR prior to Examiner action	0.00
113	1,840*	113	1,840*			Requesting publication of SIR after Examiner action	0.00
115	110	215	55			Extension for reply within first month	0.00
116	380	216	190			Extension for reply within second month	0.00
117	870	217	435			Extension for reply within third month	0.00
118	1,360	218	680			Extension for reply within fourth month	0.00
128	1,850	228	925			Extension for reply within fifth month	0.00
119	300	219	160			Notice of Appeal	0.00
120	300	220	150			Filing a brief in support of an appeal	0.00
121	260	221	130			Request for oral hearing	0.00
138	1,510	138	1,510			Petition to institute a public use proceeding	0.00
140	110	240	55			Petition to revive - unavoidable	0.00
141	1,210	241	605			Petition to revive - unintentional	0.00
142	1,210	242	605			Utility issue fee (or reissue)	0.00
143	430	243	215			Design issue fee	0.00
144	580	244	290			Plant issue fee	0.00
122	130	122	130			Petitions to the Commissioner	0.00
123	50	123	50			Petitions related to provisional applications	0.00
126	240	126	240			Submission of Information Disclosure Stmt	0.00
581	40	581	40			Recording each patent assignment per property (times number of properties)	40.00
146	690	246	345			Filing a submission after final rejection (37 CFR § 1.129(a))	0.00
149	690	249	345			For each additional invention to be examined (37 CFR § 1.129(b))	0.00
						Other fee (specify)	0.00
						Other fee (specify)	0.00

\* Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40.00)

### SUBMITTED BY

Name (Print/Type) Carl L. Brundidge  
Signature

Registration No. (Attorney/Agent) 29,621

### Complete (if applicable)

Telephone (703) 312-6600

Date March 20, 2001

### WARNINGS:

Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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